DDS 65-5312

DD/S REGISTRY
FILE Personnel 3
5 NOV 1965

MEMORANDUM FOR: Director of Central Intelligence

SUBJECT : 1966 Horace Hart Award

1. This memorandum submits for your signature a letter and a document nominating Mr. [redacted] STAT for the 1966 Horace Hart Award.

2. The attached letter from Mr. Samuel M. Burt, Managing Director of the Education Council of the Graphic Arts Industry invites the Agency to nominate candidates for the 1966 Horace Hart Award. This award is given annually to employees in government service for distinguished service in the field of printing and publishing. Mr. [redacted] STAT STAT [redacted] Chief of the Agency's Printing Services Division was the winner of the first Horace Hart Award presented in 1963.

STAT 3. Mr. [redacted] printing production specialists in our Printing Services Division, were named by the Deputy Director for Support as candidates for the 1966 Horace Hart Award. Since these two individuals have worked together in the printing research and development program in the Agency and both are well known in the field of government printing and publishing, it is considered appropriate to nominate them as a team.

STAT 4. The nominating document has been reviewed and concurred in by Mr. [redacted] on behalf of the Director of Logistics and by a representative of the Office of Security. The closing date for receipt of nominations is 15 November 1965.

[redacted] STAT

Emmett D. Echols
Director of Personnel

Attachments: A/S

Distribution:
O-Return to D/Pers
1-ER
2-DD/S
1-D/Security
1-D/Logistics
1-D/Pers (via hand)
1-BSD/ [redacted] STAT

STAT OP/BSD/FDC/ [redacted] :bjd (5 Nov 65)

15 NOV 1965

Mr. Samuel M. Burt
Education Council of the
Graphic Arts Industry, Inc.
1025 13th Street, N. W.
Washington, D. C.

Dear Mr. Burt:

In answer to your invitation, the Central Intelligence Agency welcomes the opportunity to submit the nomination of Mr. [redacted] for the fourth Annual Horace Hart Award.

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Mr. [redacted], working as a team, have made a significant contribution to the advancement of the technology of printing by their work in the area of research and development in the graphic arts. They have materially contributed to a highly efficient and effective printing and publishing service in our Agency and to the United States intelligence effort. I believe that their unusual competence and their leadership in the very important field of printing and publishing merit public recognition.

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My thanks to you and to the members of the Education Council for continuing this most worthwhile program to honor distinguished public service. The CIA was indeed honored to have Mr. [redacted] selected as the winner of the Horace Hart Award in 196 .

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Originator: [redacted]
Director of Personnel
5 NOV 1965

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Sincerely,

Concur: SIGNED R. L. Bannerman
Deputy Director
for Support

/s/
W. F. Raborn
Director

Enclosure

Distribution: O&2-Addressee 1-ER 1-D/Logistics 2-D/Pers
1-Signing Official 2-DD/S 1-D/Security
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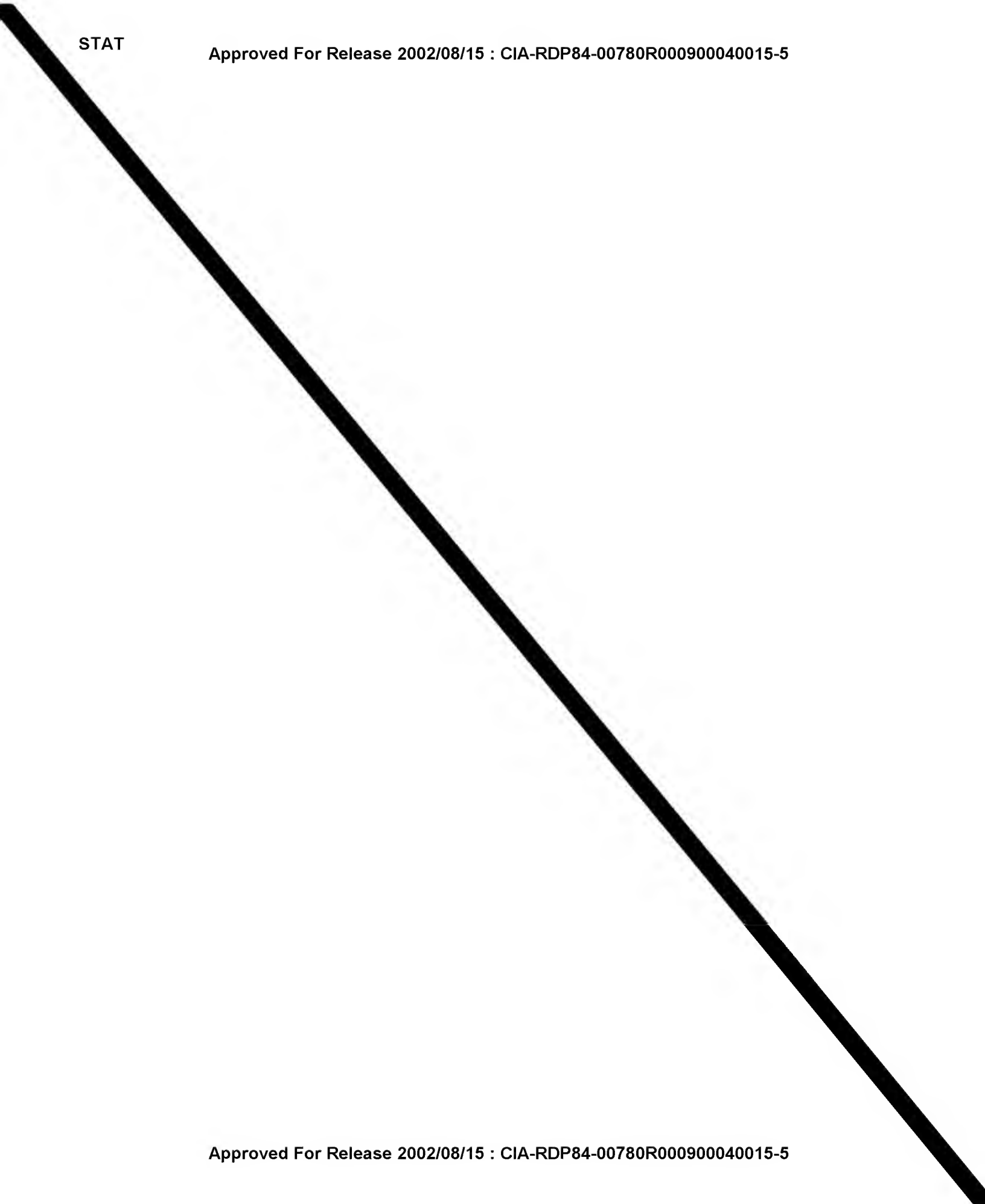
OP/BSD [redacted] bjd (5 Nov 65)



Approved For Release 2002/08/15 : CIA-RDP84-00780R000900040015-5

NOMINATION OF MR. [redacted] STAT

STAT Mr. [redacted] have had a leading role in the development and improvement of the Central Intelligence Agency's printing and publishing service -- a large highly complex printing operation of which the Agency is justly proud. The contributions made by these two individuals have not only added materially to the informational capabilities of the Central Intelligence Agency, but have also been of great significance to both the commercial printing industry and to government agency printing operations.

STAT Mr. [redacted] are assigned to the Staff of the Chief, Printing Services Division in CIA and are responsible for developing new techniques, processes, and equipment for producing all types of Agency printing. They work as a team on a comprehensive research and development program involved with all phases of printing, including computerized page composition. This program has resulted in many improvements in photographic and printing techniques and the development of specialized hardware STAT and equipment. Mr. [redacted] have devoted special attention to the development of hardware to implement new technological processes developed by them and others in the printing and publishing field. They have prepared specifications for such hardware and have supervised the building of special equipment which is now effectively used in daily printing operations in this Agency. A number of these improvements and pieces of equipment are covered by patents, granted, contemplated, or applied for in the name of the Government or employees.

These two individuals, who are well known in the field of publishing and printing, have greatly assisted in the expansion of printing by private enterprise by making known new ideas and techniques for various printing processes. Their contribution to the increase of knowledge of the printing and publishing industry includes the development of a wide variety of apparatus not previously available to the industry. Included are a special microfilm camera for a large storage and retrieval system, precision microfilm exposure control, rapid scanning microdensitometer, color identification cameras, automated continuous tone copy cameras, automated document sorting apparatus, apparatus for automatic feeding and stacking of documents, random length roll chopping of prints for use with electrostatic printers, mark-sensing devices for use in automatic chopping of microfilm prints made from rotary camera microfilm, and various improvements in the state of the art in manuscript editing using punched paper tape.

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Mr. [redacted] are developing special apparatus for manuscript preparation and editing, with machine language as a by-product, for use in computerized photocomposition. They have developed and are now programming a revolutionary system of computerized page composition featuring a new method of "hyphenless justification." Hyphenless justification is accomplished by varying the set size on a line-for-line basis. The computer is programmed to locate the line endings (without hyphens), determine the required set size, and punch the necessary codes in the control tape. This technique greatly simplifies computer programming as no dictionary is needed. It also contributes to greater computer speed as no hyphenation look-up function is involved. This system includes a unique format for computer printout for use in proofreading, which is the first such system known to use floating accents, upper and lower case, word numbers for corrections, and a simple straight forward method of indicating special symbols, functional codes, and format data. The work of the nominees is contributing greatly to the knowledge of the printing and publishing industry as information on most of the above has been

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freely disseminated. Mr. [redacted] work on the computerized photocomposition system and particularly hyphenless justification has been made available to the industry through discussions at seminars and by articles in trade magazines.

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Mr. [redacted] a recognized authority in the microphotography field, is the principal inventor of the "Scanalume", an exposure control device for use on the Walnut System microfilm cameras. This device, which makes it possible to produce microfilm images of a far greater uniformity than possible with any other apparatus previously available, is described in Mr. [redacted] paper "New Techniques For Microfilm Exposure Control" presented at the Eleventh Annual Convention of the National Microfilm Association in 1962.

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It is the consensus of senior key officials in the Central Intelligence

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Agency that Mr. [redacted] individually and working as a team, have had important roles in the development of an effective printing service which is credited with accomplishments of great significance to this Agency and to our national intelligence efforts. Both of these career officers have been honored by CIA for their contributions to intelligence publishing and with other members of the Agency's Printing Services Division were given special recognition in a Presidential Citation during the 10th Anniversary Year of the Federal Incentive

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Awards Program. Mr. [redacted] who have unquestionably contributed greatly in advancing the technology of printing and publishing and possess a high potential for continued contribution in the very important art and science of printing production are fitting representatives of the many outstanding employees in CIA who are working in the graphic arts.